



CONSTRUCTION EQUIPMENT

SWA404341 VOLVO A30G 753089 - HYDRAULIC SYSTEM



Sample No: VCP395903
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SWA404341



SAMPLE INFORMATION

Sample Number	VCP395903	---	---	---
Sample Date	01 Nov 2023	---	---	---
Machine Hours	896	---	---	---
Oil Hours	896	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

JON M HALL COMPANY
 1920 BOOTHE CIRCLE SUITE 110
 LONGWOOD, FL
 US 32750
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	█ 43.3	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.50	---	---	---

T: (407)215-0410
 F:



CONTAMINATION

Particles >4µm		█ 1690	---	---	---
Particles >6µm		█ 319	---	---	---
Particles >14µm		█ 22	---	---	---
ISO 4406:1999 (c)		█ 18/15/12	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis
 Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 1	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 67	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 440	---	---	---
Phosphorus	ppm	█ 340	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: JONLON
Unique No: 10728814
Signed: Wes Davis
Report Date: 08 Nov 2023

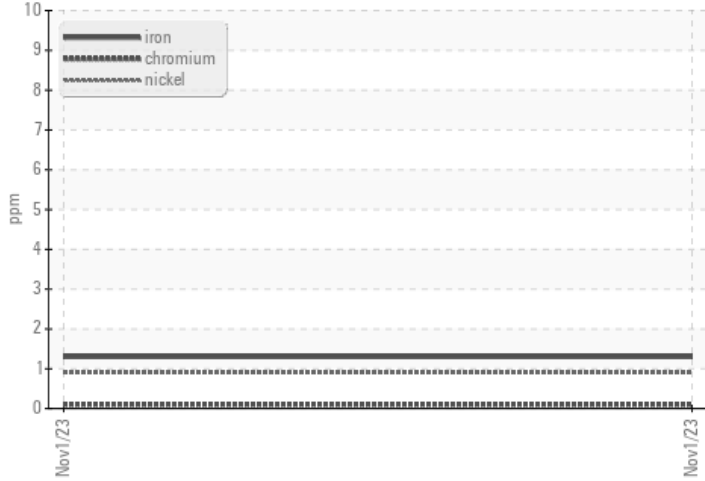


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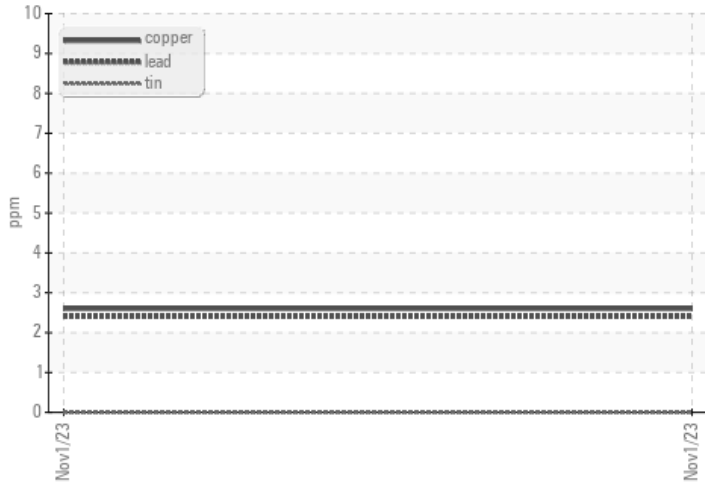


VOLVO GRAPHS

Ferrous Alloys



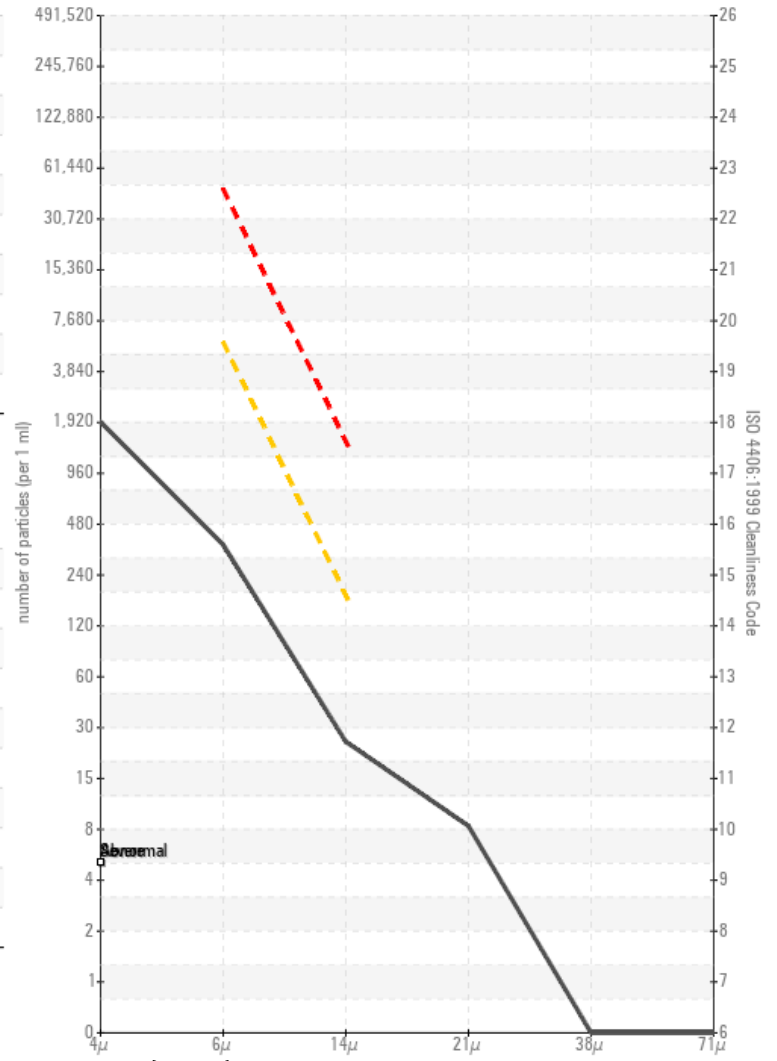
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

